FORM PTO-1449 (Rev. 2-32)

U.S. Department of Commerce Patent and Trademark Office Atty. Docket No. Serial No.

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

01-494

09/897,232

APR 2 2 2002

(Use several sheets if necessary)

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APR 2 4 2002

Applicant: David James Stevenson et al.

Filing Date: July 2, 2001 Group: 2176

Technology Center 2100

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
DD	1.	5,696,486	12-09-97	Poliquin et al.	340	506	11-16-95
DD	2.	5,828,830	10-27-98	Rangaraian et al.	395	185.01	10-30-96
DĎ	3.	5,471,399	11-28-95	Tanaka et al.	364	491	08-17-92
DD	4.	5,615,323	03-25-97	Engel et al.	395	140	03-12-96
DD	5.	5,751,964	05-12-98	Ordanic et al.	395	200.54	09-12-95
DD	6.	5,819,028	10-06-98	Manghirmalani et al.	395	185.1	04-16-97
DD	7.	6,040,834	03-21-00	Jain et al.	345	356	12-31-96

FOREIGN DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translati n
	8.	EP-1065894A1	01-03-01	EP	H04Q	-3/00 –	
D D	9.	GB 2271918A	04-27-94	UK	H04L	12/26	
	10.	GB 2286317A	08-09-95	UK	H04L	01/24	
DD	11.	GB 2362062A	11-07-01	UK	H04Q	03/00	
DD	12.	GB 2350035A	11-15-00	UK	H04L	12/26	
DD	13.	EP 0515296A1	11-25-92	EP	H04L	12/26	
DD	14.	EP 0849910A2	06-24-98	EP	H04L	12/26	
DD .	15.	WO 97/31451	08-28-97	WIPO	H04L	12/24	
DD	16.	GB 2362061A	11-07-01	UK	H04Q	3/00	
DP	17.	WO 00/47003	08-10-00	PCT	H04Q	3/00	

2176

July 2, 2001

FORM PTO-1449 (Rev. 2-32)

Patent and Trademark Office

COND SUPPLEMENTAL INFORMATION DISCLOSURE
ADDITIONATION DISCLOSURE

(Use several sheets if necessary)

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APR 2 4 2002

Technology Center 2100

FOREIGN DOCUMENTS

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation
DD	18.	WO 98/19470	05-07-98	PCT	H04Q	3/00	
DO	19.	GB 2333672A	07-28-99	UK	H04L	12/26	
	20.	WO 96/04755	02-15-96	PCT	H04Q	03/00	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

Do	21.	Lenoir et al., "Real-Time Transmission Network Management and Operation Support System", Commutation & Transmission, Vol. 12, No. 3, 1990, pp. 87-98.			
DO	22.	S. Waldbusser, "Remote Network Monitoring Management	ent Information Base", RFC 1271, November 1991, pp. 1-81.		
DD	23.	S. Waldbusser, "Remote Network Monitoring Management	ent Information Base", RFC 2021, January 1997, pp. 1-114.		
EXAMINER	Νu	MERSHU	date considered 9504		

EXAMINER: Initial if cutation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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rorm <u>r</u>	10-144	(modified)			Atty. Docket No. Serial No. 01-494 09/897,232 Applicant			
List of P	atents an	d Publications f	or Applicant's					
D WHO	ORMATIO	SUPPLEMENTAL ON DISCLOSURE	Statement	David Jame	s Stevenson (et al.		
8				Filing Date:		Group):	
·				July 02, 200		2176		
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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.	
DD	Αl	5,923,247	07/13/1999	Dowden et al.	340	506	12/22/1995	
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	Ref.	Document	 -				S Translation	
	Ref. Des.	Document Number	Date	Country	Class	Class	S Translation	
Exam. Init.	Ref. Des.	Document Number WO94/19888	Date	Country	Class	12/24	Translation	
	Ref. Des.	Document Number WO94/19888 WO00/72514	09/01/1994 11/30/2000	Country PCT PCT	Class H04L H04L	12/24 12/24	Translation	
	Ref. Des. B1 B2	Document Number WO94/19888 WO00/72514	09/01/1994 11/30/2000	Country PCT PCT	Class H04L H04L	12/24 12/24	Translation	
Init.	Ref. Des. B1 B2 B3 B4 B5	Document Number WO94/19888 WO00/72514 WO00/13373	09/01/1994 11/30/2000 03/09/2000	PCT PCT	Class H04L H04L H04L	12/24 12/24 12/26	Translation Yes/No	
Init.	Ref. Des. B1 B2 B3 B4 B5	Document Number WO94/19888 WO00/72514 WO00/13373	09/01/1994 11/30/2000 03/09/2000	Country PCT PCT	Class H04L H04L H04L Pertin	12/24 12/24 12/26	Translation Yes/No	
Init.	Ref. Des. B1 B2 B3 B4 B5 Other	Document Number WO94/19888 WO00/72514 WO00/13373	09/01/1994 11/30/2000 03/09/2000	PCT PCT PCT PCT PCT PCT	Class H04L H04L H04L Pertin	12/24 12/24 12/26	Translation Yes/No	
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FORM PTO-1449 (Rev. 2-32) THIRD SUPPLEMENTAL INFORMATION STATEMENT BY APPLICATION (Use several sheets if necession)		U.S. Department of Commerce Patent and Trademark Office DISCLOSURE T	Atty. Docket No.	Serial No. 09/897,232
0 NW 25 MM 55	,		Applicant: David James Stevenson et a	1.
MAN ?			Filing Date: July 2, 2001	Group: 2176

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
DD	1.	6,167,032	12-26-00	Allison et al.	370	252	11-07-97
DO	2.	6,438,184 B1	08-20-02	Nayler	375	345	01-12-99
DD	3.	6,147,974	11-14-00	Matsumoto et al.	370	252	02-27-98
DD	4.	5,732,094	03-24-98	Petersen et al.	371	51.1	09-16-96
DD	5.	5,434,872	07-18-95	Petersen et al.	371	57.1	07-28-92

FOREIGN DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation

	OTHER DOCUMEN	TS (Including Author, Title, Date, Pertinent Pages, Etc).
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		REO 27 10 312100
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EXAMINER (XIII)	HERMU	DATE CONSIDERED (RETIRGED)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

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Form PTO-1449 (modified)		Atty. Docket No. Serial No. 01-494 09/897,232		OIPE
List of Patents and Publications for	Applicant's	Applicant		70-3
Information Disclosure S	TATEMENT	David James Stevenson	n et al.	QCT Q 9 2001
(Use several sheets if necessary)		Filing Date: July 02, 2001	Group: 2176	FFF & TRADERARY
U.S. Patent Documents	Foreign	Patent Documents	Other A	rt
See Page 1		See Page 2	See Page	2

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of PAGE EIVED
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, Form P	TO-144	9 (modified)		Atty. Dočket	No.	Serial			
				01-494		09/897	,232	OIP	
List of P	'atents an	d Publications for	Applicant's	Applicant				/	
INF	Information Disclosure Statement			David James S	David James Stevenson et al.				
			Filing Date:		Group):	PRENT & TRAI		
(Use several sheets if necessary)				July 02, 2001		2176		BIRA	
U.		Documents	1	Patent Document	ts	_	ther Art		
	See P	age I	7	See Page 2		56	e Page 2		
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	B5					·			
	Other	Art (Includir	a Author.	Title, Date	Pertin	ent Pac	ies. Etc		
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OD	СІ	Decker et al., "D	efinitions Of Ma	anaged Objects Fo	or Bridges'	', RFC: 1493	3, July 199	3, pages 1-	
	C2	McMaster et al.,			s For IEE	E 802.3 Rep	eater Devi	ces", RFC:	
<u>DD</u>		1516, September			· · ·		"	220 1868	
DD	C3	February 1995, p		ork Monitoring M	1anagemen	it Informatio	on Base",	RFC:1757,	
	C4	McCloghrie et a	l., "Managemer	nt Information Ba			agement (Of TCP/IP-	
	C5			213, March 1991, echnology, "Part			l". 802.2.	1998, pages	
DD		i-239.							
DD	C6	IEEE Standard For Information Technology, "Part 3: Carrier Sense Multiple Access With Collision Detection (CSMA/CD) Access Method And Physical Layer Specifications", 802.3,							
עע		2000, pages i-1515.							
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EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 01-494)

In the App	lication of:	,
	David James Stevenson et al.	Before the Examiner: TBA
Serial No.	09/897,232	
Filed:	July 2, 2001	Group Art Unit: 2176
	etwork Management Apparatus and Method)	RECEIVED
Fo	r Determining Network Events)	APR 2 4 2002
100	,	Technology Center 2100

TRANSMITTAL LETTER

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

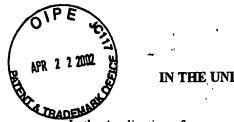
In regard to the above identified application,

- 1. We are transmitting herewith the attached:
 - a) Second Supplemental Information Disclosure Statement Letter;
 - b) Second Supplemental Information Disclosure Statement Form PTO-1449;
 - c) 23 Cited References; and
 - d) Postcard.
- 2. With respect to fees:
 - a) No fee is required.
 - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
- 3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Asst. Commissioner for Patents, Washington, D.C. 20231 on April _______, 2002.

Rv.

Timothy R. Baumann





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 01-494)

the Application of:)
)

David James Stevenson et al.) Before the Examiner: TBA

Serial No. 09/897,232)

) Group Art Unit: 2176 Filed: July 2, 2001)

For: Network Management Apparatus and Method)

For Determining Network Events

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APR 2. 4 2002

Technology Center 2100

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

CITED REFERENCES

U.S. Patent Documents

Document Number	Date	Name
5,696,486	12-09-97	Poliquin et al.
5,828,830	10-27-98	Rangaraian et al.
5,471,399	11-28-95	Tanaka et al.
5,615,323	03-25-97	Engel et al.
5,751,964	05-12-98	Ordanic et al.
5,819,028	10-06-98	Manghirmalani et al.
6,040,834	03-21-00	Jain et al.

Foreign Documents

Document Number	Date	Country
EP 1065894A1	01-03-01	EP
GB 2271918A	04-27-94	UK
GB 2286317A	08-09-95	UK
GB 2362062A	11-07-01	UK
GB 2350035A	11-15-00	UK
EP 0515296A1	11-25-92	EP
EP 0849910A2	06-24-98	EP
WO 97/31451	08-28-97	WIPO
GB 2362061A	11-07-01	UK
WO 00/47003	08-10-00	PCT
WO 98/19470	05-07-98	PCT
GB 2333672A	07-28-99	UK
WO 96/04755	02-15-96	PCT

Other Documents

- 1. Lenoir et al., "Real-Time Transmission Network Management and Operation Support System", Commutation & Transmission, Vol. 12, No. 3, 1990, pp. 87-98.
- 2. S. Waldbusser, "Remote Network Monitoring Management Information Base", RFC 1271, November 1991, pp. 1-81.
- 3. S. Waldbusser, "Remote Network Monitoring Management Information Base", RFC 2021, January 1997, pp. 1-114.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: 4//16/02

By:

Timothy R. Baumann Registration No. 40,502





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 01-494)

In the A	Application of:)	
	David James Stevenson et al.	.)	Before the Examiner: TBA
Serial 1	No. 09/897,232) .	Canna Art Haite 2176
Filed:	July 2, 2001)	Group Art Unit: 2176
For:	Network Management Apparatus and Method For Determining Network Events)	

TRANSMITTAL LETTER

Commissioner for Patents Washington, D.C. 20231

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Dear Sir:

In regard to the above identified application,

- 1. We are transmitting herewith the attached:
 - a) Third Supplemental Information Disclosure Statement Letter;
 - b) Third Supplemental Information Disclosure Statement Form PTO-1449;
 - c) 5 Cited References; and
 - d) Postcard.
- 2. With respect to fees:
 - a) No fee is required.
 - b) Please charge any underpayment or credit any overpayment our Deposit Account, No. 13-2490.
- 3. CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on March 21, 2003.

By:

Thomas E. Wettermann Reg. No. 41,523

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 01-494)

In the A	Application of	f:)	
	Dav	rid James Stevenson et al.) Before the Exar	miner: TBA
Serial N	No. 09/8	397,232)	,
Filed:	July	2, 2001) Group Art Unit	: 2176
For:		anagement Apparatus and Method ining Network Events)	WED
		THIRD SUPPLINFORMATION DISCLO	EMENTAL SURE STATEMENT	RECEIVED 2003 NAR 2 7 2003 Technology Center 2100
	ssioner for P			Mr. mology Co
Washin	gton, D.C. 2	30231		ABC.I.

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

CITED REFERENCES

U.S. Patent Documents

Document Number	Date	Name
6,167,032	December 26, 2000	Allison et al.
6,438,184	August 20, 2002	Nayler
6,147,974	November 14, 2000	Matsumoto et al.
5,732,094	March 24, 1998	Petersen et al.
5,434,872	July 18, 1995	Petersen et al.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: 3/21/03 By:

Thomas E. Wettermann Registration No. 41,523



UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 01-494)

:	AΡ	PLI	CA	HON	OF:	

David James Stevenson et al.

Serial No. 09/897,232

Examiner:

To be Assigned

Filed:

July 02, 2001

Group Art Unit:

2176

Title

Network Management Apparatus

And Method For Determining

Network Events

Confirmation No.:

9022

THE CHURCH THE CHOUP 2 TOO

BOX DD

Commissioner for Patents Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

- We are transmitting herewith the attached:
 - a. Supplemental Information Disclosure Statement;
 - b. Supplemental Form PTO-1449;
 - c. Copy of IDS Citations 09/897,232 (4 references);
 - d. Return Receipt Postcard.
- 2. With respect to additional fees:
 - No additional fee is required.
- Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.
- CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box DD, Washington, D.C. 20231 on this 3rd day of January, 2002.

Timothy R. Baumann

Reg. No. 40,502



UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 01-494)

IN THE APPLICATION OF:

David James Stevenson et al.

Serial No.

09/897,232

Examiner:

GOUD To be Assigned

Filed:

July 02, 2001

Group Art Unit:

PATENT

Title

Network Management Apparatus

Confirmation No.:

And Method For Determining

Network Events

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

BOX DD

Commissioner for Patents

Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

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references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, nor is this submission to be construed as a representation that a search has been made.

<u>CITED REFERENCES</u>

U.S. Patent Documents

Document Number	Date	Name	Class	Sub Class	Filing Date of App.
5,923,247	07/13/1999	Dowden et al.	340	506	12/22/1995

Foreign Patent Documents

Document Number	Date	Country	Class	Sub Class
WO94/19888	09/01/1994	PCT	H04L	12/24
WO00/72514	11/30/2000	PCT .	H04L	12/24
WO00/13373	03/09/2000	PCT	H04L	12/26

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date: 01/03/02

Rv.

Timothy R. Baumann Registration No. 40,502



UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 01-494)

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Technology Center 2100

Serial No.

09/897,232

David James Stevenson et al.

July 02, 2001

Title

Filed:

Network Management Apparatus

And Method For Determining

Network Events

Examiner:

To be Assigned

Group Art Unit:

2176

Confirmation No.:

9022

BOX DD

Commissioner for Patents Washington, D.C. 20231

Sir:

TRANSMITTAL LETTER

In regard to the above identified application:

- 1. We are transmitting herewith the attached:
 - a. Information Disclosure Statement;
 - b. Form PTO-1449;
 - c. Copy of IDS Citations 09/897,232 (6 references);
 - d. Return Receipt Postcard.
- 2. With respect to additional fees:

No additional fee is required.

- Please charge any additional fees or credit overpayment to Deposit Account No.13-2490. A duplicate copy of this sheet is enclosed.
- CERTIFICATE OF MAILING UNDER 37 CFR § 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box DD, Washington, D.C. 20231 on this 3rd day of October, 2001.

By:

othy R. Baumann

Reg. No. 40,502



UNITED STATES PATENT AND TRADEMARK OFFICE (Case No. 01-494)

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OCT 1 1 2001

IN THE APPLICATION OF:) Te	chnology Center 2100
Dav	id James Stevenson et al.)))	
Serial No.	09/897,232) Examiner:	To be Assigned
Filed:	July 02, 2001) Group Art Unit:	2176
Title	Network Management Apparatus And Method For Determining) Confirmation No.:))	9022

INFORMATION DISCLOSURE STATEMENT

BOX DD Commissioner for Patents Washington, D.C. 20231-9999

Dear Sir:

Pursuant to the duty of disclosure provided by 35 C.F.R. § 1.56 and §§ 1.97-98, the applicants wish to make the following references of record in the above-identified application. Copies of the references are enclosed. Copies are also listed in the PTO-1449 form enclosed herewith. It is requested that the documents be given careful consideration and that they be cited of record in the prosecution history of the present application so that they will appear on the face of the patent issuing from the present application.

Portions of the references may be material to the examination of the pending claims, however no such admission is intended. 37 C.F.R. 1.97 (h). The references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative importance of any portion of the

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references. This Statement is not a representation that the cited references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. sections 102 or 103, RECEIVED nor is this submission to be construed as a representation that a search has been made.

OCT 1 1 2001

CITED REFERENCES

Technology Center 2100

Other Documents

Citation Decker et al., "Definitions Of Managed Objects For Bridges", RFC: 1493, July 1993, pages 1-34. McMaster et al., "Definitions Of Managed Objects For IEEE 802.3 Repeater Devices", RFC: 1516, September 1993, pages 1-40. S. Waldbusser, "Remote Network Monitoring Management Information Base", RFC:1757, February 1995, pages 1-91. McCloghrie et al., "Management Information Base For Network Management Of TCP/IP-Based Internets: MIB-II", RFC:1213, March 1991, pages 1-70. IEEE Standard For Information Technology, "Part 2: Logical Link Control", 802.2, 1998, pages i-239. IEEE Standard For Information Technology, "Part 3: Carrier Sense Multiple Access With Collision Detection (CSMA/CD) Access Method And Physical Layer Specifications", 802.3, 2000, pages i-1515.

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff

Date

By:

Timothy R. Baumann Registration No. 40,502